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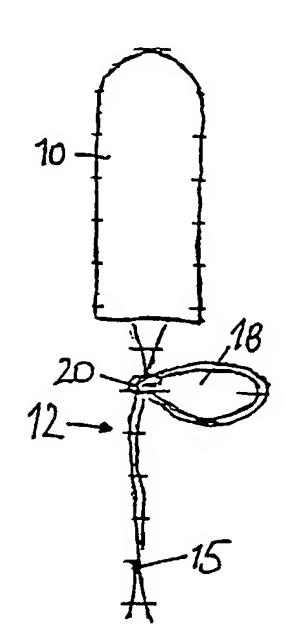
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(54) Title: TAMPON, IN PARTICULAR FOR FEMININE HYGIENE



(57) Abstract: The tampon according to the invention comprises a tampon body and a withdrawal tape fastened on the tampon body. The withdrawal tape is configured such that its effective length can be changed preferably before use, but also during use. In particular, the withdrawal tape is formed with at least one loop or a fold which reduces the effective length of the withdrawal tape and can be released in order to increase the effective length of the withdrawal tape. Effective length refers to the extent of the withdrawal tape, measured from the rear end of the tampon body, which is available for the user to grip.



INTERNATIONAL SEARCH REPORT



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C. DOCUME	ENTS CONSIDERED TO BE RELEVANT		·
Category •	Citation of document, with indication, where appropriate, o	of the relevant passages	Polovent to alsies to
			Relevant to claim No.
Х	US 4 328 804 A (SHIMATANI KAZ	1-12	
	11 May 1982 (1982-05-11)	1 12	
_	column 3, lines 1-4; claims 1		
A	US 3 863 636 A (JOHNSON CARL	2-9	
	4 February 1975 (1975-02-04)		
	column 2, line 47 - line 56; figures		
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Further	r documents are listed in the continuation of box C.		
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Patent document cited in search report		8 _ 4 _		Patent family member(s)	Publication date	
US 4328804	A	11-05-1982	JP JP	55075323 U 55101129 U	24-05-1980 14-07-1980	
US 3863636	A	04-02-1975	NONE	— — — — — — — — — — — — — — — — — — —		